

National Aeronautics and  
Space Administration

No. 38-98- September 18, 1998

John F. Kennedy Space Center  
Kennedy Space Center, Florida 32899

**Published weekly under the provisions of KMI 1590.2. Mail items to KSC Bulletin on KSC Form 7-121.**  
**All notices contained herein must comply with the nondiscriminatory principles of the Federal Equal Opportunity Program.**  
**Advertised items must be available without regard to race, color, religion, sex, age, national origin, or disability.**  
**URL: <http://www-lib.ksc.nasa.gov/lib/bulletin/bulletin.htm> (KSC only)**  
**Deadline for Official/Unofficial notices - Monday, 9 a.m.**

**O F F I C I A L**

**SEPTEMBER HEALTH EDUCATION AND WELLNESS PROGRAM—COLORECTAL CANCER SCREENING:** Cancer of the colon and rectum remains the third leading cause of male and female cancer deaths in the United States. Colon cancer has a good chance of cure if found early. Unfortunately, early symptoms are few. The best defense against colorectal cancer, or any cancer, is regular cancer related health checkups. Early detection is the key to successful treatment. Screening for colorectal cancer with hemoccult (guaiaac) slides will be offered to all KSC/CCAS employees in the month of September. Kits containing the hemoccult slides, special instructions for correct use, a questionnaire and general information will be available at all medical facilities on the following schedule (or upon request to Carol Roth, 867-3414, BOC-005):

<u>Occupational Health Facility (OHF) (Industrial Area)</u> 24 hours a day/7 days a week <u>Launch Area Clinic (LAC) (MFF) (LC-39 Area)</u> 8:00 a.m. - 4:40 p.m. Monday through Friday	<u>Cape Area Clinic (CAC) (CCAS)</u> 7:00 a.m. - 3:30 p.m. Monday through Friday
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(JJ-C)

**INFLUENZA IMMUNIZATIONS:** The influenza season in Florida will be here in the next few months. You can be protected from the most likely causes of epidemic flu by being vaccinated. Influenza immunization is especially important to those people with known heart, lung, or kidney problems; diabetes, anemia, or a reduced body resistance to infection.

<u>Occupational Health Facility (OHF) (Industrial Area)</u> 7:00 a.m. - 3:30 p.m. Monday through Friday <u>Launch Area Clinic (LAC) (MFF) (LC-39 Area)</u> 8:00 a.m. - 4:00 p.m. until October 1 Monday through Friday 24 hours a day/7 days week after October 1	<u>Cape Area Clinic (CAC) (CCAS)</u> 7:30 a.m. - 3:30 p.m. Monday through Friday
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(JJ-C)

**OCCUPATIONAL MEDICINE PATIENT SERVICES:** Due to operational support requirements, the Launch Area Clinic (LAC) in the KSC MFF, building K6-1145, will again be staffed 24 hours/day, 7 days/week commencing at 12:01 a.m., October 1, 1998. The Occupational Health Clinic (OHF) in the KSC Industrial Area will no longer be staffed 24 hours/day, 7 days/week after 12:01 a.m. on October 1, 1998. New hours for the OHF commencing October 1, 1998, will be 7 a.m. to 5 p.m., Monday through Friday, excluding holidays. (JJ-C)

**1998 KSC EMPLOYEE OPEN HOUSE:** This year's open house is being held in celebration of NASA's 40th anniversary on Saturday, October 10, from 9 a.m. to 2:30 p.m. Highlights this year are area drivebys of the Space Shuttle Discovery at Launch Pad 39B, aircraft at the Shuttle Landing Facility, and the new Space Shuttle Main Engine Processing Facility. (AB)

**CCAS VEHICLE FUELING STATION:** The CCAS Vehicle Fueling Station will be closed from 10 a.m. - 2 p.m. on Wednesday, September 23, 1998, for environmental leak testing. Refer questions to Mr. Ed Carver, 45 CES/CEV, 494-9272. (FF-S1-B)

**NOTU VEHICLE FUELING STATION:** The NOTU Vehicle Fueling Station will be closed from 10 a.m. - 2 p.m. on Monday, September 21, 1998, for environmental leak testing. Refer questions to Mr. Ed Carver, 45 CES/CEV, 494-9272. (FF-S1-B)

**HISPANIC EMPLOYMENT WORKING GROUP:** The HEPWG will sponsor the 14th Annual "Meet Your Directors Luncheon," Friday, September 25, 1998, at 11:30 a.m. in the Lunch Pad, Visitors Center. This year's guest speaker will be Mr. Alphonso Diaz, Goddard Space Flight Center Director. The menu includes paella, pork, rice, beans, tortillas, corn, and salad. Tickets are \$9 and can be purchased from the following individuals:

Eduardo Lopez de Castillo	HQ, 3211A	7-2565	Heri Soto	SSPF, 3034G	7-6187
Ken Aguilar	HQ, 2321A	7-2307	Frank Izquierdo	OSB, 6401K	1-3803
Suzanne Cunningham	HQ, 2506	7-7089	Henry Bursian	OSB, 5403J	1-3940
Rosalyn Santos-Ebaugh	O&C, 3055	7-4121	Oscar Gamboa	Spaceport	7-2144
Joe Tellado	SSPF, 3094G	7-6064			

(LO-L2)

**COMBINED FEDERAL CAMPAIGN:** The Combined Federal Campaign kickoff rally is rapidly approaching! The rally will be held in the KSC Training Auditorium on October 1, 1998, beginning at 9 a.m. Do you have a "CFC Success Story?" Please take a moment to tell us about your experience or why you donate to a particular charity. Please forward your story to Mike Sumner at the following email address: [mike.sumner-1@ksc.nasa.gov](mailto:mike.sumner-1@ksc.nasa.gov). (AB)

**RECORDS ROUNDUP:** The Annual Summary of Records Holdings will be conducted at KSC during September. The goal is to make records filing and retrieval more efficient, and increase office space by following approved disposition instructions in NPG 1441.1C. The KSC Records Management Guide contains detailed instructions about KSC records management procedures; see your RCO for a copy. Questions may be directed to your organization's RCO or to Judy Wheeler, Records Manager, 867-4540. (FF-S2-A)

**EMPLOYEE ASSISTANCE PROGRAM:** All employees are reminded the Employee Assistance Program offers free, confidential counseling to all Kennedy Space Center and Cape Canaveral Air Station employees. Appointments are necessary to ensure adequate time. This program is available Monday through Friday, 7:30 a.m. to 4:00 p.m. Appointments may be made by calling 867-7398. (JJ-C)

**COURT LEAVE:** Title 5, U.S.C., Section 6322, authorizes court leave for employees who are summoned on behalf of any party in connection with any judicial proceeding to which the United States, the District of Columbia, or a State or local government is a party. It is official duty time when an employee is summoned or assigned to (1) testify or produce official records on behalf of the United States or District of Columbia, or (2) testify in his/her official capacity or produce official records on behalf of any other party. Service as a witness for a private party in any proceeding not involving any of the above Government entities as a party and not in an employee's official Government capacity requires the use of annual leave. (HM-A-3)

**EARLY OPTIONAL RETIREMENT:** Early Optional Retirement is effective through September 31, 1998. This authority was granted with the understanding that there would be no coercion of employees and that wherever possible, vacancies created by retirement will be used to ease the impact of organizational changes brought about through reinvention of the Federal Government. Employees who are at least 50 years of age and have completed 20 or more years of creditable service and employees who, regardless of age, have completed 25 or more years of creditable service are eligible for Early Optional Retirement. Annuities of CSRS employees under age 55 will be reduced by 1/6 of 1% for each full month they are under age 55. The annuity will not increase when age 55 is attained. To schedule an appointment, interested employees should contact Sharon Lowry, 867-2514, or Kathy McIntosh, 867-2504. (HM-A-3)

**KSC LIBRARY/DOCUMENTS & SPECIFICATIONS & STANDARDS:** Due to a printing error at JSC, the previously announced revision of **JSC-SE-R-0006** Revision D, 8/4/98, was defective. If you have a copy of JSC-SE-R-0006 Revision D, 8/4/98, corrected copies, with a **cover memo dated 8/17/98** are available in HQ, Room 1124, Library-D or by calling 867-3613. (FF-S2-A)

**KSC LIBRARY:** The following books are available for checkout at the HQ Library, Room 1301:

- 2500 Solved Problems in Fluid Mechanics and Hydraulics 49 5975
- Accident Prevention Manual for Business and Industry: Administration & Programs 49 6122
- Accident Prevention Manual for Business and Industry: Engineering & Technology 49 6114
- Accident Prevention Manual for Business and Industry: Security Management 49 6130
- Advanced Engineering Mathematics 49 6551
- Alien Life: the Search for Extraterrestrials and Beyond 49 7013
- Autocad and its Applications-Basics: Release 14 49 6981
- Basic Coastal Engineering 49 6254
- C & C++ Code Capsules: A Guide for Practitioners 49 6353
- Centrifugal Pumps 49 6940

KSC LIBRARY: (Continued)

Coating and Surface Treatment Systems for Metals 49 6049  
Computational Physics: Problem Solving with Computers 49 6577  
Corrosion Science and Technology 49 6544  
Digital Color Management: Encoding Solutions 49 6585  
Digital Imaging A-Z 49 6627  
Digital Signal Processing Handbook 49 7765  
Discover Excel 97 49 5629  
Drag 'N' Drop CGI: Enhance Your Web Site Without Programming 75 0783  
Dynamic Web Publishing 49 5900  
Ecological Risk Assessment of Contaminants in Soil 49 6031  
Electronics Quality Management Handbook 49 6213  
Engineering Formulas 49 7039  
Engineering Graphics 49 6296  
Environmental Pollution and Control 49 6221  
Facility Piping Systems Handbook 49 6890  
Fire Suppression and Detection Systems 49 6155  
Fluid Transients in Systems 49 6866  
Guidelines for Assessing Fire and Explosion Damage 49 6189  
Health, Safety, and Environmental Data Analysis 49 6247  
Handbook of Applied Photometry 49 6528  
Handbook of Structural Engineering 49 6593  
Handy Space Answer Book 49 5942  
HTML 4 for the World Wide Web: Visual Quickstart Guide 49 7047  
HTML Unleashed 49 7062  
Innovations in Ground Water and Soil Cleanup: From Concept to Commercialization 49 6874  
Introduction to Optics and Optical Imaging 49 6510  
ISO 9000 for the Chemical Process Industry 49 6288  
LabVIEW Graphical Programming 49 6965  
Logic of Failure: Recognizing and Avoiding Error in Complex Situations 49 5637  
Maximizing the Value of 360 Degree Feedback 49 5991  
Microbiologically Influenced Corrosion Handbook 49 6163  
Multimedia & Virtual Reality Engineering 75 0775  
Nonlinear Analysis of Structures 49 6387  
Power of 360 Degree Feedback 49 5934  
Practical Introduction to Pumping Technology 49 7716  
Practical Inverse Analysis in Engineering 49 6569  
Project Management 49 5959  
Project Management: Orientation for Decision Makers 49 6346  
Schaum's Outline of the Theory and Problems of Basic mathematics for Electricity and Electronics 49 7773  
Schaum's Outline of the Theory and Problems of Feedback and Control Systems 49 6999  
Slaves of the Machine 49 5983  
Soils and Foundations 49 6379  
Something New Under the Sun: Satellites and the Beginning of the Space Age 49 6601  
Spacecraft Dynamics and Control: a Practical Engineering Approach 49 7724  
Statistical Control by Monitoring and Feedback Adjustment 49 6239  
Statistical Mechanics: Fundamentals and Modern Applications 49 6262  
System Engineering Management 49 6361  
Teach Yourself C++ in 21 Days 49 5967  
Total Cost Assessment for Environmental Engineers and Managers 49 6270  
Understanding Telephone Electronics 49 6882  
Understanding UML: the Developer's Guide 49 6304  
Weld Integrity and Performance 49 6098 (FF-S2-A)



**KSC LIBRARY:** A new resource for engineering information is now available to onsite KSC personnel on the web at URL [http://www.ei.org/village/hp\\_norm.htm](http://www.ei.org/village/hp_norm.htm). Online tutorials are provided at the Ei Village Academy located on the main Ei Village map page. More detailed information of the resources offered and user aids can be found at URL [http://www-lib.ksc.nasa.gov/lib/library.html#ei\\_village](http://www-lib.ksc.nasa.gov/lib/library.html#ei_village). (FF-S2-A)

**KSC LIBRARY:** Applied Science and Technology Index and Business Periodicals Index are available on the Internet for searching to onsite KSC personnel. These were formerly networked CD-ROMs. The URL is <http://wilsonweb2.hwwilson.com/autologin>. (FF-S2-A)

**KSC LIBRARY:** The KSC Archives regularly displays its collection of historical photographs for viewing by the KSC community. The display case is located between Rooms 1533 and 1537 (across from the post office) in the Headquarters building. The current exhibit features various photographs--including all KSC Center Directors—from the NASA Image eXchange (NIX). Further information may be obtained by calling the Library Archives at 867-2407. (FF-S2-A)

**COMPETITIVE PLACEMENT PLAN - JOB OPPORTUNITIES:**

<u>Annct. No.</u>	<u>Position &amp; Grade</u>	<u>Area of Consideration</u>	<u>Open/Close Date</u>	<u>Location</u>
CPP 229-98	Payload Support Services Specialist, GS-301-11/12	NASA/KSC Civil Service Employees	9-14-98/9-21-98	BD
CPP 231-98P	Secretary (OA), GS-318-7	"	9-14-98/9-21-98	JJ
CPP 232-98	Secretary (Office Automation), GS-318-6/7	"	9-18-98/9-25-98	FF-D
CPP 233-98	Personnel Data Management Specialist, GS-301-7	"	9-18-98/9-25-98	HM-A-3
RON 39-98	AST, Facility Systems Safety, GS-801-12/13	"	9-11-98/9-18-98	EI-F
Readvertise				
RON 40-98	AST, Flight Systems Safety, GS-861-12/13	"	9-11-98/9-18-98	EI-F
Readvertise	Lateral Reassignment Only—Position has no Further Growth Potential			
RON 41-98	Safety & Occupational Health Spec., GS-018-11	"	9-11-98/9-18-98	EI-F
Readvertise	Lateral Reassignment Only—Position has no Further Growth Potential			
RON 51-98	AST, Launch and Flight Operations, GS-801-12/13	"	9-10-98/9-24-98	PZ-L
RON 52-98	AST, Flight Structures, GS-861-13	"	9-10-98/9-24-98	PK-H
RON 53-98	(2) Aerospace Technologists, GS-801-13/14	"	9-14-98/9-28-98	BL
	Lateral Reassignment Only			
RON 54-98	Program Analyst, GS-304-12/13	"	9-14-98/9-28-98	BL
Applicants must submit an application (OF 612, Optional Application for Federal Employment, or the KSC Form 13-283, Short Form) for these positions. Applications should be submitted to Human Resources Policy, Development and Operations Branch (HM-A-3), HQ, Room 1404. (HM-A-3)				

**VACANCIES AT OTHER NASA CENTERS:**

<u>Annct. No.</u>	<u>Position &amp; Grade</u>	<u>Open/Close Date</u>	<u>Location</u>
****98-MIS-350T	Research Psychologist, AST, Human Performance Studies, GS-180-12/13	7-13-98/9-21-98	NASA/ARC
****98-MIS-351	Research Psychologist, AST, Human Performance Studies, GS-180-12/13	7-13-98/9-21-98	NASA/ARC
****98-MIS-352	Research Psychologist, AST, Human Performance Studies, GS-180-12/13	7-13-98/9-21-98	NASA/ARC
****98-MIS-354T	Research Psychologist, AST, Human Performance Studies, GS-180-12/13	7-13-98/9-21-98	NASA/ARC
*98-72YB	Aerospace Engineer, AST, Crew Station Systems, GS-861-11/12/13	9-1-98/10-1-98	NASA/LaRC
*98-73YB	Aerospace Engineer, AST, Navigation, Guidance, & Control Systems or AST, Flight Data Systems, GS-861-11/12/13	9-1-98/10-1-98	NASA/LaRC
*98-74YB	Aerospace Engineer, AST, Navigation, Guidance, & Control Systems GS-861-11/12/13	9-1-98/10-1-98	NASA/LaRC
*98-76YB	Aerospace Engineer, AST, Navigation, Guidance, & Control Systems GS-861-11/12/13	9-1-98/10-1-98	NASA/LaRC
*98-77YB	Aerospace Engineer, AST, Stability, Control, & Performance GS-861-11/12/13	9-1-98/10-1-98	NASA/LaRC
*98-120KP	Program Manager	9-3-98/9-24-98	NASA/LeRC
*98-81KR	Aerospace Engineer, AST, Quality Assurance, GS-861-14	9-4-98/9-25-98	NASA/LaRC

AMENDMENT

\*This position is open to all NASA employees with Career or Career Conditional Appointments and to former Federal Employees who have reinstatement eligibility.

\*\*\*\*These positions are open to all Qualified Candidates. (HM-A-3)

**AUTHENTICATED:**

Audrey Lee Silipo, Center Services (FF-S2-A)

BRING A CERAMIC MUG TO WORK—CONSERVE THE ENERGY IT TAKES TO MAKE 500 PAPER CUPS A YEAR.

U N O F F I C I A L

CAFETERIA MENU FOR WEEK OF SEPTEMBER 21 THROUGH SEPTEMBER 25

<b>*MONDAY</b> Chicken Vegetable w/Rice Soup <b>HEALTHY FARE-</b> Cheese Lasagna w/Marinara Sauce Baked Ham & Cabbage Hot Deli Sandwich- Roast Beef	<b>*TUESDAY</b> Cream of Potato Soup Fried Chicken <b>HEALTHY FARE-</b> Baked Chicken Tuna Noodle Casserole Hot Deli Sandwich- Roast Pork	<b>*WEDNESDAY</b> Minestrone Soup Swiss Steak Chicken Fingers Hot Deli Sandwich- Corned Beef	<b>*THURSDAY</b> Black Bean Soup <b>HEALTHY FARE-</b> Chicken & Noodle Paprikash Meat Loaf Hot Deli Sandwich- Roast Turkey	<b>*FRIDAY</b> Seafood Chowder Soup <b>HEALTHY FARE-</b> Baked Catfish w/Hushpuppies Fried Catfish w/Hushpuppies Hot Deli Sandwich- Baked Ham
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\*Assorted vegetables, salads, desserts, and beverages available daily. Vegetable soup available daily - bowl \$1/cup .55. Vegetable plate available daily—three vegetables for \$2.10. Each Wednesday and Friday a “Cook’s Special of the Day” is available and will be posted in each cafeteria. Menu subject to change due to market conditions or availability.

**NASA EXCHANGE:** New items coming in...U.F.O. Tops! These spinning tops with flashing lights and alien sounds will appeal to kids of all ages. Be the first on the block with the Dashboard Chihuahua in your car! “I think I need a bigger box.” Beautifully crafted Carousel music boxes with horses or unicorns make a perfect gift for that someone special. We are getting a new Discovery emblem and matching lapel pin—great for collectors and especially with John Glenn going back into space!

**KSC EXCHANGE SERVICE STATION:** Lube, oil, and filter—just \$18.95, includes up to 5 quarts of oil, check fluid levels, tires and pressure, belts, hoses, alternator, and battery, and a visual safety check. For appointment, call 453-1254. Towing services are available. Self-service gas pumps open Monday through Friday, 6:30 a.m. to 5:30 p.m. We accept Citgo and all major credit cards.

**KENNEDY SPACE CENTER FEDERAL CREDIT UNION REPOS:** Repos located at the Merritt Island office. 7.5% on '95 & '96 vehicles, 8% on '94 and older vehicles. 1991 Ford Explorer, \$5995; 1987 BMW 325, \$5995; 1994 Acura Vigor, 4-door, \$12,575; 1990 Honda Civic LX, 4-door, \$4000; 1993 Ford Escort Stationwagon, \$4500; 1995 Chevy Monte Carlo, \$8995; 1995 Nissan 200SX SE, \$8500; 1992 Mercury Sable LS, \$3500; 1997 Mazda pickup SE B2300, A/T, \$9995. Call: 455-9400, ext. 251.

**FALL INTERCENTER RUN:** The 9th Annual Fall InterCenter Run is scheduled for September 24 at 5 p.m. There will be a free 10K, 5K, and 2-mile Run/Walk at the Shuttle Landing Facility. Late registration will take place at the race—please arrive by 4:15 p.m. If you have any questions, call 867-7829.

**AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS:** AIAA, Cape Canaveral Section, is holding their September dinner meeting at the Merritt Island Holiday Inn, September 24, 1998. Social hour begins at 6 p.m. with dinner and speaker beginning at 7 p.m. Guest speaker will be Navy Captain Stephen W. Zavadi, Deputy Director of Strategic System Programs. Cost is \$15/person; contact Troy Bomar, 783-7847, for reservations or Dr. Norm Murphy, 799-5586, for more information.

**EMBRY-RIDDLE AERONAUTICAL UNIVERSITY:** ERAU at Patrick AFB will begin its next cluster of the Master of Science in Technical Management degree on November 6, 1998. The purpose of the degree is to give aspiring, entry or mid-level technical program managers the necessary management skills and knowledge to succeed in an aerospace/aviation environment. The degree is offered in the cluster format and is completed within two years. Classes meet for 13 weeks, on alternating weekends. The deadline to apply is October 16, 1998. Enrollment is limited, so apply early. For an application packet and additional information, call Patrick AFB Center at 783-5020.

**WEBSTER UNIVERSITY:** Webster University registration is underway for Fall 2. Webster University makes higher education accessible to the working adult by offering evening and weekend programs at 70 locations worldwide. The Space Coast Campus in Merritt Island offers MA and MBA degrees in Business (MA only), Computer Resources and Information Management Counseling (MA only), Human Resources Development, Management and Security Management. In addition, the MBA, MA in counseling, MBA/MA in Computer Resources and Information Management, and MS in Computer Science are offered Saturdays at the Palm Bay Campus. For more information about the Fall 2 Term that starts October 17, please call 449-4500.

**WEIGHT WATCHERS AT WORK:** Get ready for the upcoming Holidays! Lose those extra pounds. Join the 1, 2, 3 Success Program today. First meeting will be on October 1, HQ, Room 2414, 11:30 a.m. For more information, call Marilyn at 452-0884.

**KARS:** Sea World Special through September 30, 1998—special ticket price \$29 per person (including children). Tickets on sale at all four NASA Exchange Stores.

**PERSONALITY PREFERENCE TESTING:** Robin Lusardi of our CTAP office is certified to administer and interpret **The Myers-Briggs Type Indicator** evaluation. Discover the real YOU! Capitalize on your personality type and communication skills. She will also meet with work groups to discuss how working productively and smoothly requires an understanding of ourselves as well as our co-workers. To take advantage of this opportunity, call Robin at CTAP, 867-4350.

**CTAP:** The Career Transition Assistance Program is available to assist the KSC NASA employee. Support areas include resume writing, interviewing, job search activities, starting your own business, consulting, and many other self-help programs designed to assist you. We also have a reference area with many key publications and a computer lab loaded with special software and direct links to the “net.” Co-located as part of the CTAP team is an Employment Specialist from the Florida Department of Labor who can assist in using the computerized Florida Job Information System. CTAP is located in HQ, Room 1355, 7:00 a.m. to 3:30 p.m. You may also reach us through the NASA KSC homepage (see: PERSONNEL/CTAP). Whether you are interested in individual counseling, dynamic workshops, or “surfing on your own,” CTAP can help! Call our office at 867-4350 today for further information.

P E R S O N A L

**CARPOOLS**

Vanpool seats: Daytona/Port Orange/New Smyrna to OPF/VAB/LCC Areas, 6:30/7:00-3:30, Steve, 861-1485/904-238-3629.  
Vanpool seats: IHB/Satellite Beach/PAFB/CB/CC to CCAS/KSC Industrial Area, 7:30-4:30, Anderson, 867-6135/777-5632.  
Vanpool seats: Melbourne Beach/Indialantic/IHB/Cocoa Beach/Cape Canaveral to KSC Industrial Area/VAB, 7:00-3:45, Goodrich, 867-3770/725-7383.  
Vanpool seats: N. Melbourne/Eau Gallie via U.S. 1 to KSC Industrial Area, 7:30-4:00, Don, 867-4634.  
Vanpool seats: Palm Bay N.E./Melbourne to KSC Industrial Area, 7:00-3:45, Steve, 867-3812/724-5436.  
Vanpool seats: Palm Bay/Melbourne to KSC Industrial Area, 7:30-4:00, Ed, 876-4500/676-2533.  
Vanpool seats: Palm Bay/Melbourne (Eau Gallie Blvd.)/Suntree (Budgetel Inn) to KSC Industrial Area, 8:00-4:30, Ed, 867-3898/984-3861.  
Vanpool seats: Palm Bay/Suntree to LC-39/OPF/Logistics/OSB/PCC, 7:00-3:30, Mark, 861-0991/725-6677.  
Vanpool seats: Palm Bay/Eau Gallie/Suntree to USBI/OSB/LCC/VAB/OPF Areas, 7:00-3:45, Dan, 861-2487/952-8840.  
Vanpool seats: Palm Bay/I-95-Malabar Road/Melbourne to CCAS Industrial Area, Rick, 853-9805/722-3649.  
Vanpool seats: Rockledge/Cocoa Areas to KSC, 6:45-3:30, home pickup possible, Richard, 867-2380/639-2974.  
Vanpool seats: Daytona/New Smyrna to OPF/VAB/LCC/Pads/ARF, 7:00-3:30, Tom, 867-7042/904-409-3923.  
Vanpool seats: E. Orlando/Hwy. 50 Tiffanys/Wal-Mart/Bithlo to LC-39 Areas/Heavy Equip./OSB/Complexes/PCC, 7:00-3:30, Gene, 861-0731/677-7394.  
Vanpool seats: Orlando/MetroWest/West Hwy. 50/Alafaya to KSC Industrial Area, 7:15-4:00, Greg, 867-3042/295-7894.  
Vanpool seats: Orlando/Conway Area via Hwy. 50 to KSC North Areas, 7:00-3:30, Schaefer, 273-3048.  
Vanpool seats: Orlando/Conway/Union Park/Bithlo to VAB, USBI, OSB & Wiltech Areas, 7:00-3:45, Fishell, 861-2470/407-859-4009.  
Vanpool seats: West 50 & Hiawassee/Alafaya to KSC Headquarters Area/CCAS, 7:00-3:45, Earl, 853-4656.  
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 7:30-4:00, Don, 867-7470/365-0586.  
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride/Bithlo to KSC Industrial Area, 7:00-3:30, David, 867-7138.  
Vanpool seats: E. Colonial/Hwy. 50 to KSC Industrial Area, 8:00-4:30, Mai, 867-3697/381-0183.  
Vanpool seats: W. Colonial/Kirkman Road/Dean Road/Bithlow Park & Ride to LC-39 Areas, 7:00-3:30, Hall, 861-5355/422-3681.  
Carpool: E. Colonial/Alafaya to VAB/OSB/HQ/O&C Areas, 8:00-4:30, Kim, 867-3911/380-8787.  
Carpool: E. Colonial to VAB Area, 7:30-4:00, Russ, 861-5124/677-8628.  
Carpool: E. Orlando/Oviedo/Sanford to OSB/VAB/LCC Areas, 7:00-3:30, Don, 861-6825/359-7425.  
Carpool: Melbourne to KSC Industrial Area, Dominguez, 867-3072/952-9460.  
Carpool: New Smyrna to KSC Industrial Area, 7:30-4:00, 4th member needed, Brady, 867-3961/426-2203.  
Ride needed/form carpool: Coventry of Cocoa (Highway 524) to O&C Building, 8:00-4:30, Setzer, 867-8681/639-9062.  
Ride needed/form carpool: N. Melbourne/Indialantic/Satellite Beach to CCAS/LOCC/CX36, 7:00-3:30, Cyrus (Siroos), 853-3361/259-5641.  
Ride needed/form carpool: Palm Bay/Melbourne to KSC Industrial Area, 7:00-3:30, Lisa, 867-2400/242-2817.  
Ride needed/form carpool: Titusville, Highway 50 and Barna to HQ/O&C Areas, non-smoker, 7:00-3:30, flexible, Zeitlin, 861-7909/269-2695.  
Rider needed: E. Orlando Area to VAB Area, 7:30-4:00, Russ, 861-5123/677-8628.

**GARAGE SALE**

Garage sale: September 19, 8-2, Rockledge, 847 Gardener Road, ladies designer clothing, baby items, household, more, Maltby, 639-6456.  
Garage sale: September 19, 8-12, Merritt Island, 5550 Fraley Court, Richard, 449-7279.  
Garage sale: September 19-20, 8-12, Mims, Pinewood Village, U.S. 1, furniture, housewares, clothing, Harley Davidson motorcycle parts, Dallas, 267-5489.

**REAL ESTATE FOR SALE**

House: Titusville, Hickory Lakes, 3-B/R, 2-bath, 2-car garage, cul-de-sac, 1800 sq. ft., hardwood floors, \$116,000/B.O., 632-1162.  
Condo: Cape Canaveral, near beach & Port Canaveral, 1-B/R, clean, small complex, \$25,500/B.O., Beebe, 453-3006, after 8 p.m., leave message.  
Condo: Deland historical area, 2-B/R, 2-bath, tennis, pool, beautiful grounds, \$39,900, Reed, 264-2629.  
Hunting camp: Ocala National Forest, Hog Valley, 2 lots, structure w/electricity, refrigerator, ready for hunting season, \$8000, Markham, 783-8525.

**AUTOMOBILES & RV'S FOR SALE**

1957 Chevy stationwagon, 4-door, 327/TH 350, 2-year old paint, excellent condition, \$11,500/B.O., Peter, 784-8071.  
1964 Chevy pickup; 1991 350 engine, much more, \$7500, Griner, 768-1080.  
1965 Olds Cutlass convertible F85, V8, A/T, 330 big block, \$5000, Byrnes, 784-3954, after 6 p.m.  
1973 Ford Bronco, 289, posi-trak front/rear, 18.5 x 44 x 15 mud tires, as is, been sitting 4 years, \$600/firm, Keener, 267-4686.  
1980 Oldsmobile Delta 88, new tires/battery, radiator leaks, runs good, \$400/B.O., Brown, 269-1275.  
1983 Toyota pickup, longbed, fresh engine, good transportation, \$550, Robbins, 784-6402.  
1984 Chevy Cavalier, type 10, 2-door, runs good, needs clutch, \$300/B.O., Aaron, 631-1635.  
1985 Nissan 4x4 pickup, double cab, 5-speed, AM/FM/tape, Brahma topper, no A/C, good condition, \$2200/firm, Weber, 254-1995.  
1985 BMW 735i, 100,000 miles, excellent condition, \$3800; 1988 GMC 1500 pickup, 200,000 miles, good condition, \$2800, Roney, 783-2642.  
1986 Chevy S10, 4x4, A/C needs recharged, many new parts, 150,000 miles, runs good, \$2550/B.O., Armour, 452-7761.  
1986 Mazda pickup, 4-cylinder, A/C, white & gray, \$1450, Beverly, 267-5321.  
1987 VW Jetta, 4-door, A/C, A/T, excellent condition, 67,000 miles, \$3500, Woodruff, 728-4409.  
1987 Ford F-150, 6-cylinder, A/C, P/S, P/B, C/C, no rust, new paint, topper, excellent condition, \$3200, Mike, 453-8252.  
1987 Dodge Aries stationwagon, 4-cylinder, A/T, P/S, A/C needs work, AM/FM, owned by mechanic, runs good, \$650, Nelson, 267-5456.  
1988 Corvette, 7-speed, A/C, Borg-Warner overdrive, removable hardtop, leather interior, excellent condition, \$13,500, Reed, 264-2629.  
1988 Ford Taurus, full power, options, good transportation, \$1100/B.O., Gerard, 783-3318.  
1988 Mustang GT convertible, must see, original owner, \$4995, Hillcher, 784-9055.  
1989 Jeep Commanche, 4.0 H/O, A/T w/overdrive, A/C, P/S, P/B, C/C, tilt, cloth interior, carpet, 2-tone w/painted stripe, clean, dependable, 269-2033.  
1989 Honda Prelude, 2.0 SI, P/W, P/L, P/M, moonroof, lumbar seats, Blaupunkt cassette stereo, new brakes, all new engine belts/water pump, 459-0746.  
1989 Ford Bronco, 4-speed w/overdrive, cold A/C, P/L, P/W, AM/FM/cassette, new paint, tinted windows, luggage rack, \$3195, 632-9944, leave message.  
1990 Jeep Cherokee, 4-door, 4.0 liter, cold A/C, A/T, P/S, P/B, black, \$4800, Mike, 453-8252.  
1990 Nissan 240SX, 5-speed, A/C, CD, custom rims, black, 122,000 miles, \$3500, Mark, 267-9950,  
1991 Pontiac Grand Am SE, A/C, P/W, P/L, tinted windows, new tires, red w/gray interior, 72,000 miles, excellent condition, \$4500, McAdams, 268-0737.  
1993 Hyundai Scoupe S/T turbo, 5-speed, A/C, sunroof, new tires, looks/runs good, low miles, Mock, 725-9511.  
1994 Mercury Cougar, A/C, P/S, P/W, P/L, CD, custom wheels, 54,000 miles, \$8700, Moist, 455-1594.  
1997 Chevy S-10 pickup, extended cab, 5-speed, 3rd door, A/C, AM/FM/cassette, bedliner, 26,000 miles, \$11,900, Gruendel, 823-8123.  
1997 Toyota Camry LE, 30,000 miles, \$14,900, King, 269-9810.

**HOUSEHOLD FURNISHINGS FOR SALE**

Dresser w/mirror, chest-of-drawers, headboard, nightstand, black lacquer/gold trim, \$400/B.O.; toddler bed w/mattress, \$25; chifforobe, \$35, 639-4307.  
Queen sofa sleeper & loveseat, good condition, \$125; coffee table, excellent condition, \$50; desk chair, \$5, Fortner, 632-3712.  
Dining table, 4 chairs, \$100; baby crib w/bumper pads & mattress, \$75; Clayton Marcus sleeper sofa, light brown, \$300/B.O., King, 268-1620.  
TV/VCR/stereo cabinet, 39" x 19" 54", \$185; glass topped end table, \$15, Tom, 452-9827, after 4 p.m.  
Oak dining room oval table w/extension, 4 highback chairs, excellent condition, \$400/B.O., John, 267-6034.  
Kitchen table, 2 chairs, white, \$50, McBride, 452-3945.  
Entertainment center, \$30; bookshelf, \$30; small desk w/chair, \$40, Maltby, 639-6456.  
Padded brass bedroom bench, \$25; Halogen floor lamp, \$10; blue/multi-colored pinstripe sofa & loveseat, excellent condition, \$450, White, 635-9158.  
Rattan dresser, nightstand, headboard, twin bed, \$200, Sandy, 633-7664.  
Full solid wood antique headboard & footboard, Sears-O-Pedic Supreme extra firm mattress & box springs, nearly new, excellent condition, \$275, 267-4366.  
Sofa, sofabed, table set, \$600; bunkbeds w/dressers, \$400, Bond, 453-7191.  
Bassett entertainment center, oak, holds 27" TV, glass door for stereo system, \$75; 4 oak dining room chairs, \$40, Jarosz, 636-3692.  
Selmer clarinet, 2 years old, \$300/B.O., 636-4495.  
Mahogany 9-drawer desk, very good condition, \$200; dark pine trestle table, 2 leaves, 4 chairs, bench, good condition, \$200, Patronsky, 453-8898.  
Sofa & loveseat, velveteen pillowback, dark aqua w/subtle multi-colored design, \$490; square oak coffee table w/glass top, all good cond., \$75, 639-9199.

**APPLIANCES FOR SALE**

Hoover canister vacuum, 2.6 peak h.p., \$40, King, 269-9810.  
Upright freezer, 15 cu. ft., \$175, Tom, 452-9827, after 4 p.m.  
White Westinghouse washer & dryer, good working condition, \$100/both, Wilson, 267-8332.  
Sears washer, \$380, Hough, 459-3836.  
Kenmore microwave, 2 years old, excellent condition, \$100/B.O., Linda, 953-8182.

**MOTORCYCLES & EQUIPMENT FOR SALE**

1980 Suzuki 250 GT, like new, 5400 miles, runs great, \$900, Gerard, 783-3318.  
1993 Suzuki, RM 125, \$2000/B.O., Dermody, 632-0797.

**BOATS & EQUIPMENT FOR SALE**

15' custom wood, by Rocking Horse Woodworks, Moscow, ID, oars, shrimp lights & nets, 8 h.p. Honda 4-stroke w/less than 19 hours, \$2700, 459-0665.  
15'-6" Bonita tri-hull, fiberglass, \$150, Noonan, 452-8468.  
15'-9" Gheenee, 9.9 Mercury, 3.0 Gamefisher, swivel sets, 2 paddles, flotation devices, 6-gallon gas tank, spare tire, trailer, \$1000, Curt, 830-0639, Orlando.  
16' Cobia bowrider, 1989, 120 h.p. I/O, safety equipped, stereo, bimini, custom cover, galvanized trailer, fresh water use, exc. cond., \$3400/B.O., 267-1708.  
17' Sportcraft cuddy cabin, 15 h.p. OMC, both 1988, bimini, electronics, 1996 Magic Tilt trailer, all in excellent condition, \$4700/B.O., Murphy, 777-2223.  
18' Bayliner Capri bowrider, 125 h.p. outboard, trailer, restored inside/out, metalflake paint, \$3200/B.O., 267-4686.  
21' Reef Runner center console, 175 h.p. Mariner, 1994, T-top, electronics w/GPS, dual axle trailer, mint condition, \$13,900, Alan, 783-6289.  
35' Trimaran, wood/fiberglass, unfinished w/plans, \$50,000 value, \$30,000, Dan, 267-5172.  
Bimini top, 4 bow stainless steel Sunbrella fabric w/storage cover, 8'1 x 7' x 54"h, \$150; boat cover, 23'-24' center console open fisherman, \$150, 455-9746.

**MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE**

Stereo w/speakers, \$50, Anderson, 632-1021.  
Panasonic 24-pin dot matrix printer, KX-P1123, manuals, ribbons; Conner tape backup, manuals, software, floppy drive, DC-2120 tapes, 636-0321, after 5.  
Nintendo, 14 games, Zapper gun, \$25, Harrell, 633-1643.  
20" color TV, good condition, \$100; stereo speakers, Bose 901, series 4, w/equalizer stands, \$400, McBride, 452-3945.  
Stereo tuner, multi-voltage, excellent condition, \$50; stereo receiver, 100 watts RMS per channel, \$100, McComb, 459-2147.  
Selmer Oboe, like new, w/case & accessories, \$199, Hillcher, 784-9055.  
Motorola 25" TV, excellent picture; AT&T digital answering machine, used 4 months, \$30, 452-2857.  
Alpine Amp 35WPC, \$45; Rockford Fosgate box speakers, \$90, White, 635-9158.  
DEC Writer 120 color inkjet printer, \$50, Pack, 454-4660.  
U.S. Robotics 28.8K Sportster modem, manuals, \$25, Perry, 453-2761.  
Casio electronic Magic Light keyboard w/stand & music book, \$100, Janousek, 452-1561.  
Violin, 1/8 size, Seidel, case, bow, shoulder rest, \$250, Nelson, 268-4364.  
Super Nintendo, \$75; games Ken Griffey Jr's Winning Run, Mortal Kombat 2, College Slam, Jurassic Park, Super Mario All-Stars, more, \$10/ea., 783-6285.  
Karl Knilling cello, Bucharest model w/2 bows, \$800, Naylor, 452-2187.  
1993 Panasonic VHF w/remote, picture snowy, needs repair, \$25, 453-9690.  
RCA 25" TV/VCR, \$250; Kenwood stereo w/5-CD, phone, 2 cassettes, \$200; Packard Bell P5-200 multimedia PC, 17" monitor, \$1000, Bond, 453-7191.

**MISCELLANEOUS FOR SALE**

Bike trailer & stroller, child's, to 50 pounds, foldable, covered, \$90; sleep machine, 3 soothing sounds, auto shutoff, \$15, 269-6103, Julie, leave message.  
Nissan truck rims w/tires, like new, \$100; ladder rack for full sized pickup, \$100, Kattrick, 269-5406.  
S10 bedliner & end liner, \$60; Kinetic tennis racket, fiber tubes in head, \$125, King, 269-9810.  
DP stair stepper, \$35; 55-gallon aquarium w/light, filter, pump, \$35, Fortner, 632-3712.  
Fishing rod display holder, holds 33 poles, \$60; free standing wire shelves, \$50, Decola, 452-5715.  
Exercise bicycle w/computer, \$75, Christensen, 269-0316.  
Ping pong table, new, regulation, no accessories; wedding gown, straight fit, pearl & rose accents, embroidered, size 8, \$500, Anderson, 632-1021.  
Tailgate for 1989 full sized Ford pickup, like new, B.O., Griner, 633-2324.  
Wooden swing set w/2 swings, slide, stairs, fort, \$300/firm, Bowman, 639-2925.  
Compound bow, Bear Sportsman, complete w/arrows, 1 year old, \$125/B.O., Harrington, 636-2930.  
Workout bench w/100 pounds of weights, \$20, Larry, 459-0432.  
Cardio Glide, like new, \$75; Canon AE-1 camera w/telephoto macro lens, case, flash, \$275, Hough, 459-3836.  
Tractor tires & tubes, 2 total, 5.00 x 15, 2 groove, suitable for dune or rail buggy, \$45, Anita, 632-0238.  
Cypress Lil Monster slalom water ski, \$35, Bob, 459-2147, after 6 p.m.  
Leather golf bag, \$40; Isuzu Rodeo bug deflector, \$25, White, 635-9158.  
Stair stepper, electronic readout, \$45; 8' x 8' wooden play house on stilts, \$100, Pack, 454-4660.  
Mazda truck bumper, black, w/hitch, \$15, Nelson, 268-4364.  
Toyota engine, \$100; Aerostar mid pass seat, \$50; trailer hitch extension van, \$60; CJ5/7 V8 headers, \$60, Joe, 633-7664.  
Staghorn ferns, 2 total: 5" diameter, \$60; 8" diameter, \$150, 269-2370.  
NordicTrack, Sequoia model, excellent condition, \$250/B.O., Peter, 784-8071.  
Sears 5 h.p. chipper/shredder, excellent condition, \$150, Rothering, 383-1276.  
Scuba Pro Mark 5 w/gauges, Sea Pro BC, weight belt, knife, VK-1200 light, 2-100s & 1-80 cu. ft. tank, \$450, Steve, 729-6977, after 5:30 p.m.  
Cartop luggage carrier, good condition, \$25, Cahalan, 268-5185.  
Little Tykes workbench, like new, \$40; Lund windshield visor w/lights, fits Chevy pickup, \$100/B.O., 453-6688  
Redwood spa, 4-person, new motor, \$900/B.O.; Guthy-Renker fitness flyer, \$75/B.O., Lorenz, 452-3793.

**MISCELLANEOUS WANTED**

White French Provincial or Italian Provincial bedroom dresser, chest-of-drawers, end tables, Becker, 453-2706.  
Hot tub/spa, reasonable, Fortner, 632-3712.  
Violin for student use, beginner/intermediate, reasonable, Roy, 639-4241.  
14' aluminum V-hull boat with or without motor, no Jon boat, Roth, 904-427-5642, Edgewater.  
Trombone, good condition, Ken, 453-1781.  
1998-1999 new Yamaha outboard, 70 to 90 h.p., 453-9690.

**FOR SALE OR TRADE**

Hunt permits: Archery Toso, October 8-11; General Gun Bull Creek, November 16-18, trade for ?, Harrington, 636-2938.  
4 tickets Miami Dolphins vs. St. Louis Rams, Oct. 18, lower bowl, first row, each \$35/trade for Jacksonville Jaguars vs. Miami Dolphins, Oct. 12, 452-9774.



**KSC Recycles**